



Patent  
Docket No. 449122078200

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Wolfgang HAHN

Serial No.: 10/516,534

Filing Date: December 2, 2004

For: METHOD AND DEVICE FOR  
AUTHENTICATING A SUBSCRIBER  
FOR UTILIZING SERVICES IN A  
WIRELESS LAN (WLAN)

Examiner: S. Nguyen

Group Art Unit: 2618

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicant submits for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of foreign documents and non-patent literature are submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.

- ☐ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- ☒ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
- ☐ A fee is required. A check in the amount of \_\_\_ is enclosed.
- ☒ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission.
- ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
- ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of \_\_\_ is enclosed.
- ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

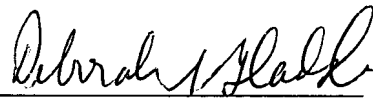
Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petition and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 449122078200.

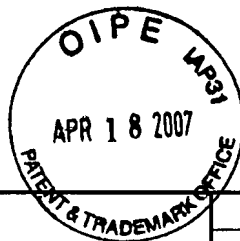
Dated: April 18, 2007

Respectfully submitted,

By 

Deborah S. Gladstein

Registration No.: 43,636  
MORRISON & FOERSTER LLP  
1650 Tysons Blvd, Suite 300  
McLean, Virginia 22102  
(703) 760-7753



ALTERNATIVE TO PTO/SB/08A/B (09/06)

Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/516,534
				Filing Date	December 2, 2004
				First Named Inventor	Wolfgang HAHN
				Art Unit	2618
				Examiner Name	S. Nguyen
Sheet	1	of	2	Attorney Docket Number	449122078200

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-5,708,655-A	01-13-1998	Toth et al.	
	AB	US2002/0062379-A1	05-23-2002	Widegren et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	WO-98/32301-A1	07-23-1998			
	BB	EP-0 483 547-A1	05-06-1992			
	BC	WO-97/40615-A2	10-30-1997			
	BD	EP-1 191 763-A2	03-27-2002			
	BE	WO-01/91389-A2	11-29-2001			
	BF	WO-01/91419-A1	11-29-2001			
	BG	WO-00/76249-A1	12-14-2000			

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	SIP: Session Initiation Protocol, Network Working Group, Request for Comments, 2543, Standards Track, March 1999	
	CB	SIP: Session Initiation Protocol, Network Working Group, Request for Comments, 3261, Category: Standards Track, June 2002	
	CC	3rd Generation Partnership Project, Technical Specification Group Services and System Aspects; Service Requirements for the IP Multimedia Core Network Subsystem (Stage 1); 3G TS 22.228 V1.0.0 (2000-09)	
	CD	3rd Generation Partnership Project: Technical Specification Group Services and System Aspects; IP Multimedia (IM) Subsystem - Stage 2, 3G TS 23.228 V1.4.0 (2000-11)	
	CE	3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; IP Multimedia (IM) Subsystem - Stage 2, 3G TS 23.228 V1.7.0 (2001-02)	
	CF	3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; IP Multimedia Subsystem (IMS); Stage 2, (Release 5), 3GPP TS 23.228 V.5.2.0 (2001-10)	
	CG	3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; IP Multimedia Subsystem (IMS); Stage 2, (Release 5), 3GPP TS 23.228 V5.3.0 (2002-01)	
	CH	3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; IP Multimedia Subsystem (IMS); Stage 2 (Release 5), 3GPP TS 23.228 V5.4.0 (2002-03)	

Examiner Signature		Date Considered	
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va-201496



ALTERNATIVE TO PTO/SB/08A/B (09/06)

<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/516,534
				Filing Date	December 2, 2004
				First Named Inventor	Wolfgang HAHN
				Art Unit	2618
				Examiner Name	S. Nguyen
Sheet	2	of	2	Attorney Docket Number	449122078200

	CI	3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; IP Multimedia Subsystem (IMS); Stage 2, (Release 5), 3GPP TS 23.228 V5.4.1 (2002-04)	
	CJ	3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; IP Multimedia Subsystem (IMS); Stage 2, (Release 5), 3GPP TS 23.228 V5.5.0 (2002-06)	
	CK	3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Architecture Principles for Release 2000 (Release 2000) 3G TR 23.821 V1.0.1 (2000-07)	
	CL	Digital Cellular Telecommunications System (Phase 2+) (GSM); Universal Mobile Telecommunications Systems (UMTS); Network Architecture (3GPP TS 23.002 Version 5.6.0 Release 5), (2002-03)	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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va- 201496



PTO/SB/17 (02-07)

Approved for use through 02/28/2007. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

<b>Effective on 12/08/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b> <b>FEE TRANSMITTAL</b> <b>For FY 2007</b>		<b>Complete if Known</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/516,534
<b>TOTAL AMOUNT OF PAYMENT</b>		Filing Date	December 2, 2004
(\$)		First Named Inventor	Wolfgang HAHN
180.00		Examiner Name	S. Nguyen
		Art Unit	2618
		Attorney Docket No.	449122078200

**METHOD OF PAYMENT** (check all that apply)

<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> None	<input type="checkbox"/> Other (please identify): _____
<input checked="" type="checkbox"/> Deposit Account	Deposit Account Number: <u>03-1952</u>		Deposit Account Name: <u>Morrison &amp; Foerster LLP</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)				
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, <b>except for the filing fee</b>			
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments			

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
26	- 26 = 0	x	=

HP = highest number of total claims paid for, if greater than 20.

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
2	- 3 =	x	=

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
	- 100 =	/50	(round up to a whole number) x	=

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement 180.00

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	43,636
Name (Print/Type)	Deborah S. Gladstein	Telephone	(703) 760-7753
		Date	April 18, 2007